



PTO/SB/21 (09-04)

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FORM**

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Total Number of Pages in This Submission

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Application Number

10/618,462

Filing Date

07/11/2003

First Named Inventor

Guangming Yin

Art Unit

2817

Examiner Name

Patricia T. Nguyen

Attorney Docket Number

BP1817CON1

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached (via credit card payment form PTO-2038)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input checked="" type="checkbox"/> Information Disclosure Statement (including hard copies of non-patent reference)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

The following are also being submitted herewith:

1. cover letter (2 pages)
2. cover letter from foreign associate and ESR (7 pages)
3. return postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Garlick Harrison & Markison, LLP (USPTO CN 34399)		
Signature	/SXShort/		
Printed name	Shayne X. Short, Ph.D.		
Date	2/1/2005	Reg. No.	45,105

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Janice Ivy	Date	2/1/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/618,462
Filing Date	07/11/2003
First Named Inventor	Guangming Yin
Art Unit	2817
Examiner Name	Patricia T. Nguyen
Attorney Docket Number	BP1817CON1

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						T ⁶
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ² -Number ⁴ -Kind Code ³ (if known)				
		WO 0163767	08-30-2001	Broadcom Corporation		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the year of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbol(s) as indicated on the document under WIPO Standard ST 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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Substitute for form 1449 PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/618,462
				Filing Date	07/11/2003
				First Named Inventor	Guangming Yin
				Art Unit	2817
				Examiner Name	Patricia T. Nguyen
Sheet	2	of	2	Attorney Docket Number	BP1817CON1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		LEUNG D L C ET AL: "A 3-V CMOS differential bandpass amplifier for GSM receivers" CIRCUITS AND SYSTEMS, 1998. ISCAS '98. PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL SYMPOSIUM ON MONTEREY, CA, USA 31 MAY-3 JUNE 1998, NEW YORK, NY, USA, IEEE, US, 31 MAY 1998 (1998-05-31), pages 341-344, XPO10289447 ISBN: 0-7803-4455-3 *figure 5*	
		QIANG LI ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "RF circuit performance degradation due to soft breakdown and hot carrier effect in 0.18 μ m CMOS technology" 2001 IEEE RADIO FREQUENCY INTEGRATED CIRCUITS (RFIC) SYMPOSIUM, DIGEST OF PAPERS, PHOENIX, AZ, MAY 20 - 22 2001, IEEE RADIO FREQUENCY INTEGRATED CIRCUITS SYMPOSIUM, NEW YORK, NY: IEEE, US, 20 May 2001 (2001-05-20) pages 139-142, XPO10551339 ISBN: 0-7803-6601-8 * figure 3 *	
		RAZAVI B ED-INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Prospects Of CMOS Technology For High-Speed Optical Communication Circuits" GaAs IC symposium, 23rd. Annual IEEE Gallium Arsenide Integrated Circuit Symposium, Technical digest 2001, BALTIMORE, MD, OCT. 21-24, 2001, GaAs IC SYMPOSIUM-IEEE GALLIUM ARSENIDE INTEGRATED CIRCUIT SYMPOSIUM, NEW YORK, NY IEEE, US, 21 October 2001 (2001-10-21), pages 3-6, XPO01046946 ISBN: 0-7803-6663-8 * figures 6a,7	
		LI Q ET AL: "RF Circuit Performance Degradation Due to Soft Breakdown and Hot-Carrier Effect in Deep-Submicrometer CMOS Technology" IEEE Transactions on Microwave Theory and Techniques, IEEE Inc. New York, US, vol. 49, no. 9, September 2001 (2001-09), pages 1546-1551, XPO01096604 ISSN: 0018-9480 *figure 9*	

Examiner Signature		Date Considered	
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*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Guangming Yin and Jun Cao**Examiner:** Patricia T. Nguyen**Application Serial No:** 10/618,462**Art Group:** 2817**Application Filing Date:** 07/11/2003**Confirmation No:** 3869**Patent No:** n/a**Attorney Docket No:** BP1817CON1**Patent Issue Date:** n/a**Title:** CURRENT-CONTROLLED CMOS WIDEBAND DATA AMPLIFIER
CIRCUITS

Date: February 1, 2005 (2/1/2005)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

It is requested that the enclosed reference(s) listed on the attached Information Disclosure Statement by Applicant be considered by the Examiner in connection with the above-identified patent application and be made of record therein. A European Search Report has been made for a related EP patent application. The cover letter provided by our foreign associate and the actual European Search Report are being submitted herewith in addition to copies of the reference(s) cited within the European Search Report.

Certification Under 37 C.F.R. § 1.97(e)(1)

I hereby certify that the corresponding enclosed reference(s) were cited in a European Search Report (copy enclosed) dated December 27, 2004 (12/27/2004) from the European Patent Office concerning European Patent Application No. 02255506.4 (Attorney Docket No. BP1817EP), not more than three months prior to the filing of this Information Disclosure Statement by Applicant.

Independent consideration and acknowledgment of the enclosed references is respectfully requested.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present patent application, or if the Examiner has any additional questions or concerns.

RESPECTFULLY SUBMITTED,

By: /SXShort/
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